

## Texas Brine Company, LLC 1301 Highway 70 Belle Rose, LA 70341

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January 29, 2013

Commissioner James H. Welsh P.O. Box 94275 Baton Rouge, LA 70804

# RE: In response to State of Louisiana Department of Natural Resources Office of Conservation's Second Amendment to Declaration of Emergency and Directive

Commissioner Welsh,

In response to the Second Amendment and Declaration of Emergency and Directive order issued by the Louisiana Department of Natural Resources (LDNR), Office of Conservation on September 25, 2012, Texas Brine Company, LLC (TPC) understands the seven items listed in the document.

In the above mentioned, TBC was specifically directed and ordered to perform certain tasks outlined in the above mentioned document. Below are the required responses, as directed.

- 1. TBC's counsel provided LDNR legal counsel with a response to Directives 1-3 on September 28, 2012.
- 2. TBC understands Directive 4, which is to provide all daily logs and field notes from all contractors conducting investigation into subsidence and natural gas bubbling. The Daily Action Summary and results for current information can be found in the Attachment section of this report.
- 3. TBC understands Directive 5, which directs TBC to immediately allow for split or share any sample taken on site related to Well 3A (Serial Number 974265), the cavern, other wells facilities or other site locations. The Daily Action Summary of today's collection can be found in Attachment section of this report.
- 4. TBC understands Directive 6, which directs TBC to immediately report the results (final and preliminary) of any tests, logs samples or data collection performed on Well 3A, the cavern, other wells, facilities or site locations that indicate a change in any previously known conditions related to the investigation of the subsidence or natural gas bubbling

- events, and continue to report any such results. The Daily Action Summary and the Results related to this Directive can be found in Attachment section of this report.
- 5. TBC understands the Directive 7, which states that TBC will provide a daily summary of all tests, or logs performed or samples taken from Well 3A and the cavern as well as any results of those tests or logs, including preliminary as of September 25, 2012 and going forward. The Daily Summary and Results related to this Directive can be found in Attachment section of this report.

Please note that the drilling rig used for the Observation Well 3A has been removed and the site is being rigged down and returned to pre-drilling condition. As such, daily drilling reports for this well have ceased. Plans are being made for longer term potential gas venting/flaring requirements and possible hydrocarbon material recover from Well 3A.

In addition, previous daily summary reports issued to LDNR have included significant duplicate information as there is a fair amount of overlap in the information requested in each of the Directives included in the September 25, 2012 order. All requested information associated with the Directives issued in the September 25, 2012 order are included in the Attachment section of this report.

TBC believes that the submittal of this report satisfies the requirements of the Declaration of Emergency and Directive issued on September 25, 2012. As directed this report is submitted by email to <a href="mailto:conservationorder@la.gov">conservationorder@la.gov</a>, ref. "Emergency Declaration-Texas Brine Company LLC-9/25/2012.

Bruce E. Martin

Vice President, Operations

Bana EMart

Texas Brine Company, LLC



TBC Oxy Grand Bayou Data Management-Environmental										
Contractor	Responsibilities	Collected By	Date Collected	Delivered to Lab	Results from Lab	Laboratory	Method	Date to Agencies	Laboratory	
Sage	Stationary Air Monitoring	Eric Rucinski - 07:30 - 10:35  Sheldon Guy & Pete Hyatt IV (Code Red) - 07:00 - 17:00	1/28/2013	No	No	No	AreaRAE Monitors	1/29/2013	Lab Contact	
	Residential Air Monitoring	Eric Rucinski Sam Coker Bijeet Mukherjee Steve Shaughnessy 15:32-16:37	1/28/2013	NA	NA	NA	Hand-held TVA Unit	1/29/2013		
	Gas Seep Sampling	No work performed	1/28/2013	NA	NA	NA	NA	NA		
	Well Gas Sampling	No work performed	1/28/2013	NA	NA	NA	NA	NA		
	Indoor Air Monitoring	No work performed	1/28/2013	NA	NA	NA	NA	NA		
Respec	Inclinometers/Tilt Meters	No work conducted	No work conducted	1/28/2013	NA	NA		NA NA	NA	
Hespee	InSAR Reflector Installations	No work conducted	No work conducted	1/28/2013	NA	NA		NA NA	NA	
	Subsidence Survey-Fenstermaker	No work conducted	No work conducted	1/28/2013	NA					
Miller	Weekly Stability Survey	No Work Performed	Jan. 28, 2013							
	Misc. Survey Work	Matt Fore	Jan. 28, 2013						Laboratory	
	Sinkhole Hydro/Perimeter Survey	No Work Performed	Jan. 28, 2013						Lab Contact	
Pisani	Surface Water	PMR	1/15/2013	1/15/2013	1/22/2013	GCAL	Chloride - SW- 846 9056A, Conductivity – SM 2510B, TDS – SM 2540C, BTEX – SW-846 8260B, TPH Fractions TX 1006/LA 1006, Hydrogen Sulfide - SM4500S H	NA		
	Well Water	PMR	1/8/2013	1/11/2013	1/22/2013	GCAL		NA	Laboratory	
	Geoprobe Wells	NA	NA	NA	NA	NA	NA	NA	Lab Contact	
Grand Bayou Well 3A										
	Daily Operations at 3A			Summary of Toda						
	1/28/2013	7am 488.91 casing	1/29/2013	Oxy 3A						
	1/28/2013			See ORW-01 Flare S	Spreadsheet					



## **Daily Action Summary**

#### **January 28, 2013**

#### **Stationary Air Monitoring**

- Eric Rucinski onsite from 07:30 to 10:35. Changed out the monitors between 08:35 and 10:10. Collected data from the monitoring database and forwarded to Jill Martin in the Baton Rouge office for processing.
- Sheldon Guy and Pete Hyatt IV of Code Red (monitor sub-contractor) onsite from 07:00 to 17:00. Assisted in battery change outs and maintenance of the monitoring equipment.

## **Residential Air Monitoring**

• The residential monitoring team members were Sam Coker, Steve Shaughnessy, Eric Rucinski, and Bijeet Mukherjee. After calibrating the portable TVA units, the residential walkthrough occurred between 15:32 and 16:37. The portable TVA units were recalibrated after the walkthrough. The collected data was compiled by Eric Rucinski and forwarded to Jill Martin in the Baton Rouge office for processing.

#### **Gas Seep Sampling**

• Not Scheduled

#### **Well Gas Sampling**

• Not Scheduled

#### **Air Indoor Monitoring**

Not Scheduled

\*Time indicates start of time period (ex. 12:00:00 AM gives the time period 12:00:00 AM to 12:59:59 AM)

	South-most Pipeline Site					Middle-most Pipeline Site North-			-most Pipelin	peline Site On Drill Rig Boom				Relief Well											
	AM-3					AM-2			AM-1			OG 3A-1				RW-1									
		Non-					Non-					Non-					Non-								
		Methane					Methane					Methane					Methane					Non-		1 '	
		VOC					VOC					VOC					VOC					Methane		1 '	
	CO (ppm)	(ppm)	H2S (ppm)	LEL (%)	O2 (%)	CO (ppm)	(ppm)	H2S (ppm)	LEL (%)	O2 (%)	CO (ppm)	(ppm)	H2S (ppm)	LEL (%)	O2 (%)	SO2 (ppm)	(ppm)	H2S (ppm)	LEL (%)	O2 (%)	CO (ppm)	VOC (ppm)	H2S (ppm)	LEL (%)	O2 (%)
01/28/2013 01:00:00 AM	0.0	0.0	0.0	0.0	20.9	0.0	0.0	<1.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
01/28/2013 02:00:00 AM	0.0	0.0	0.0	0.0	20.9	0.0	0.0	<1.0	0.0	20.9	<1.0	0.0	<1.0	0.0	21.2	0.0	0.0	0.0	0.0	20.9	<1.0	0.0	0.0	0.0	20.9
01/28/2013 03:00:00 AM																									
01/28/2013 04:00:00 AM		Data no	t remotely tr	ansmitted			Data no	t remotely tra	nsmitted			Data not	remotely trai	nsmitted			Data no	t remotely tr	ansmitted			Data no	t remotely tra	ınsmitted	
01/28/2013 05:00:00 AM						1																			
01/28/2013 06:00:00 AM	0.0	0.0	0.0	0.0	20.9	0.0	0.0	<1.0	0.0	20.9	0.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	<1.0	<1.0	0.0	0.0	20.9
01/28/2013 07:00:00 AM	0.0	0.0	0.0	0.0	20.9	0.0	0.0	<1.0	0.0	20.9	0.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	<1.0	<1.0	0.0	0.0	20.9
01/28/2013 08:00:00 AM	<1.0	<1.0	<1.0	0.0	20.9	0.0	0.0	<1.0	0.0	20.9	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	1.2	<1.0	0.0	0.0	20.9
01/28/2013 09:00:00 AM	<1.0	<1.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	1.6	<1.0	0.0	0.0	20.9
01/28/2013 10:00:00 AM	<1.0	<1.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	0.0	<1.0 <1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	<1.0	<1.0	<1.0	0.0	20.9
01/28/2013 11:00:00 AM 01/28/2013 12:00:00 PM	<1.0 <1.0	<1.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	<1.0 0.0	0.0	<1.0 <1.0	0.0	20.9
01/28/2013 12:00:00 PM 01/28/2013 01:00:00 PM	<1.0	0.0	<1.0	0.0	21.0	0.0	0.0	0.0	0.0	20.9	0.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	0.0	<1.0	0.0	21.1
01/28/2013 01:00:00 PM 01/28/2013 02:00:00 PM	<1.0	0.0	<1.0	0.0	21.3	0.0	0.0	0.0	0.0	20.9	0.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	0.0	<1.0	0.0	21.1
01/28/2013 02:00:00 PM	<1.0	0.0	<1.0	0.0	21.2	0.0	0.0	0.0	0.0	20.9	0.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	<1.0	0.0	<1.0	0.0	21.1
01/28/2013 04:00:00 PM	<1.0	0.0	<1.0	0.0	21.2	0.0	0.0	0.0	0.0	20.9	0.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	0.0	<1.0	0.0	21.2
01/28/2013 05:00:00 PM	<1.0	0.0	<1.0	0.0	21.2	0.0	0.0	0.0	0.0	20.9	0.0	0.0	<1.0	0.0	21.1	0.0	0.0	0.0	0.0	20.9	<1.0	0.0	0.0	0.0	21.1
01/28/2013 06:00:00 PM	<1.0	0.0	<1.0	0.0	21.1	0.0	0.0	0.0	0.0	20.9	0.0	0.0	<1.0	0.0	21.0	0.0	0.0	0.0	0.0	20.9	<1.0	0.0	0.0	0.0	20.9
01/28/2013 07:00:00 PM	0.0	0.0	<1.0	0.0	21.0	0.0	0.0	0.0	0.0	20.9	0.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
01/28/2013 08:00:00 PM	0.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
01/28/2013 09:00:00 PM	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	<1.0	0.0	0.0	0.0	20.9
01/28/2013 10:00:00 PM	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
01/28/2013 11:00:00 PM	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9
01/29/2013 12:00:00 AM	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	<1.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9

#### Notes:

Data from approximately 02:40 - 06:45 on 1/28/2013 was not remotely transmitted to the monitoring computer due to a programming issue with the internal data loggers. The onsite technician has resolved this programming issue.

		1/28/2013
NI -	Church Adduses	VOC Concentration
No.	Street Address	(ppm)
1	114 Sportsman Paradise Drive	0.55
2	117 Sportsman Paradise Drive	0.83
3	120 Sportsman Paradise Drive	0.56
4	121 Sportsman Paradise Drive	0.83
5	122 Sportsman Paradise Drive	0.60
6	123 Sportsman Paradise Drive	0.80
7	Purple House on Left Sportsman	0.83
/	Paradise Drive	0.65
8	126 Sportsman Paradise Drive	0.63
9	132 Sportsman Paradise Drive	0.64
10	133 Sportsman Paradise Drive	0.81
11	134 Sportsman Paradise Drive	0.66
12	135 Sportsman Paradise Drive	0.83
13	137 Sportsman Paradise Drive	0.78
14	138 Sportsman Paradise Drive	0.66
15	139 Sportsman Paradise Drive	0.76
16	140 Sportsman Paradise Drive	0.68
17	142 Sportsman Paradise Drive	0.70
18	143 Sportsman Paradise Drive	0.75
19	144 Sportsman Paradise Drive	0.73
20	145 Sportsman Paradise Drive	0.74
21	149 Sportsman Paradise Drive	0.69
22	153 Sportsman Paradise Drive	0.80
23	1434 Jambalaya Street	0.85
24	1432 Jambalaya Street	0.82
25	1430 Jambalaya Street	0.79
26	102 Bream Street	0.87
27	107 Bream Street	0.81
28	1426 Jambalaya Street	0.82
29	1426 A Jambalaya Street	0.83
30	1428 Jambalaya Street	0.65
31	1428 A Jambalaya Street	0.81
32	1454 Jambalaya Street	0.84
33	1422 Jambalaya Street	0.83
34	1421 Jambalaya Street	0.98
35	1420 Jambalaya Street	0.87
36	1418 A Jambalaya Street	0.86
37	1418 B Jambalaya Street	0.87
38	1419 Jambalaya Street	0.88
39	1416 Jambalaya Street	1.00

		1/28/2013
No.	Church Adduses	VOC Concentration
NO.	Street Address	(ppm)
40	1414 A Jambalaya Street	0.79
41	1414 B Jambalaya Street	0.84
42	1412 Jambalaya Street	0.76
43	1412 A Jambalaya Street	0.88
44	1412 B Jambalaya Street	0.8
45	1410 Jambalaya Street	0.79
46	1410 A Jambalaya Street	0.79
47	1410 B Jambalaya Street	0.90
48	1411 Jambalaya Street	0.78
49	1409 Jambalaya Street	0.77
50	1408 Jambalaya Street	0.76
51	1408 A Jambalaya Street	0.77
52	1406 Jambalaya Street	0.77
53	1406 A Jambalaya Street	0.80
54	1406 B Jambalaya Street	0.78
55	1407 Jambalaya Street	0.76
56	1405 Jambalaya Street	0.87
57	1403 Jambalaya Street	0.84
58	1402 Jambalaya Street	0.80
59	1400 Jambalaya Street	0.82
60	117 Gumbo Street	0.87
61	1402 Sauce Piquante Lane	0.83
62	1401 Sauce Piquante Lane	1.02
63	1403 Sauce Piquante Lane	1.03
64	1408 Sauce Piquante Lane	0.82
65	1409 Sauce Piquante Lane	0.88
66	1410 Sauce Piquante Lane	0.80
67	1411 Sauce Piquante Lane	0.90
68	1413 Sauce Piquante Lane	0.89
69	1414 Sauce Piquante Lane	0.78
70	1417 Sauce Piquante Lane	0.88
71	1418 Sauce Piquante Lane	0.86
72	1419 Sauce Piquante Lane	0.87
73	The Jeansonne's	0.83
74	Yellow house between 1418/1426	0.76
/4	Sauce Piquante Lane	0.70
75	Blue and White Trailer on Sauce	0.96
/ 3	Piquante Lane	0.90
76	1425 Sauce Piquante Lane	0.91
77	1426 Sauce Piquante Lane	0.96

		1/28/2013
NI-	Church Adduses	VOC Concentration
No.	Street Address	(ppm)
78	1428 Sauce Piquante Lane	0.95
79	1430 Sauce Piquante Lane	0.94
80	1433 Sauce Piquante Lane	0.83
81	1434 Sauce Piquante Lane	0.82
82	1434 B Sauce Piquante Lane	0.83
83	1436 Sauce Piquante Lane	0.83
84	1438 Sauce Piquante Lane	0.82
85	1439 Sauce Piquante Lane	0.88
0.0	Camper between 1438/1442 Sauce	0.03
86	Piquante Lane	0.83
87	1442 Sauce Piquante Lane	0.83
88	1443 Sauce Piquante Lane	0.92
89	1444 Sauce Piquante Lane	0.85
90	1445 Sauce Piquante Lane	0.93
91	1446 Sauce Piquante Lane	0.92
92	1447 Sauce Piquante Lane	0.89
93	1449 Sauce Piquante Lane	0.86
94	1453 Sauce Piquante Lane	0.84
95	1454 Sauce Piquante Lane	0.85
96	1455 Sauce Piquante Lane	0.83
97	1457 Sauce Piquante Lane	0.81
98	1458 Sauce Piquante Lane	0.98
99	1459 Sauce Piquante Lane	0.92
100	1460 Sauce Piquante Lane	0.90
101	1461 Sauce Piquante Lane	0.84
102	1463 Sauce Piquante Lane	0.82
103	1465 Sauce Piquante Lane	0.84
104	1467 Sauce Piquante Lane	0.84
105	1468 Sauce Piquante Lane	0.90
106	1469 Sauce Piquante Lane	0.84
107	1471 Sauce Piquante Lane	0.79
108	1472 Sauce Piquante Lane	0.79
109	1473 Sauce Piquante Lane	0.74
110	1474 Sauce Piquante Lane	0.78
111	1477 Sauce Piquante Lane	0.94
112	1478 Sauce Piquante Lane	0.82
113	1479 Sauce Piquante Lane	0.94
114	100 Crawfish Stew Street	0.82
115	101 Crawfish Stew Street	0.81

No.         Street Address         VOC Concentration (ppm)           116         Trailer between 101/107 Crawfish Stew Street         0.78           117         107 Crawfish Stew Street         0.81           118         108 Crawfish Stew Street         0.89           119         111 Crawfish Stew Street         0.93           120         113 Crawfish Stew Street         0.93           121         114 Crawfish Stew Street         0.82           122         Trailer across from 114 Crawfish Stew Street         0.81           123         116 Crawfish Stew Street         0.98           124         127 Crawfish Stew Street         0.98           125         135 Crawfish Stew Street         0.86           126         Wooden house between 135/141         0.86           Crawfish Stew Street         0.82           127         141 Crawfish Stew Street         0.82           129         147 Crawfish Stew Street         0.98           130         149 Crawfish Stew Street         0.98           131         153 Crawfish Stew Street         0.98           132         156 Crawfish Stew Street         0.91           133         159 Crawfish Stew Street         0.98           134 <t< th=""><th></th><th></th><th>1/28/2013</th></t<>			1/28/2013
116         Stew Street         0.78           117         107 Crawfish Stew Street         0.81           118         108 Crawfish Stew Street         0.89           119         111 Crawfish Stew Street         0.93           120         113 Crawfish Stew Street         0.82           121         114 Crawfish Stew Street         0.82           122         Trailer across from 114 Crawfish Stew Street         0.81           123         116 Crawfish Stew Street         1.73           124         127 Crawfish Stew Street         0.98           125         135 Crawfish Stew Street         0.86           127         141 Crawfish Stew Street         0.86           128         145 Crawfish Stew Street         0.82           129         147 Crawfish Stew Street         0.98           130         149 Crawfish Stew Street         0.98           131         153 Crawfish Stew Street         0.96           132         156 Crawfish Stew Street         0.91           133         159 Crawfish Stew Street         0.98           134         163 Crawfish Stew Street         0.98           135         165 Crawfish Stew Street         0.99           136         170 Crawfish Stew S	No.	Street Address	
117       107 Crawfish Stew Street       0.89         118       108 Crawfish Stew Street       0.89         119       111 Crawfish Stew Street       0.93         120       113 Crawfish Stew Street       0.82         121       114 Crawfish Stew Street       0.82         122       Trailer across from 114 Crawfish Stew Street       0.81         123       116 Crawfish Stew Street       1.73         124       127 Crawfish Stew Street       0.98         125       135 Crawfish Stew Street       3.23         Wooden house between 135/141 Crawfish Stew Street       0.86         127       141 Crawfish Stew Street       1.02         128       145 Crawfish Stew Street       0.82         129       147 Crawfish Stew Street       0.98         130       149 Crawfish Stew Street       0.98         131       153 Crawfish Stew Street       0.96         132       156 Crawfish Stew Street       0.91         133       159 Crawfish Stew Street       0.98         134       163 Crawfish Stew Street       0.98         135       165 Crawfish Stew Street       0.97         136       170 Crawfish Stew Street       0.97         137       174 Crawfi	116	•	0.78
118         108 Crawfish Stew Street         0.89           119         111 Crawfish Stew Street         0.93           120         113 Crawfish Stew Street         0.82           121         114 Crawfish Stew Street         0.82           122         Trailer across from 114 Crawfish Stew Street         0.81           123         116 Crawfish Stew Street         1.73           124         127 Crawfish Stew Street         0.98           125         135 Crawfish Stew Street         3.23           Wooden house between 135/141 Crawfish Stew Street         0.86           127         141 Crawfish Stew Street         0.86           128         145 Crawfish Stew Street         0.82           129         147 Crawfish Stew Street         0.98           130         149 Crawfish Stew Street         0.98           131         153 Crawfish Stew Street         0.96           132         156 Crawfish Stew Street         0.91           133         159 Crawfish Stew Street         0.98           134         163 Crawfish Stew Street         0.98           135         165 Crawfish Stew Street         0.97           136         170 Crawfish Stew Street         0.97           137         17	117		0.81
119       111 Crawfish Stew Street       0.93         120       113 Crawfish Stew Street       0.82         121       114 Crawfish Stew Street       0.82         122       Trailer across from 114 Crawfish Stew Street       0.81         123       116 Crawfish Stew Street       1.73         124       127 Crawfish Stew Street       0.98         125       135 Crawfish Stew Street       3.23         126       Wooden house between 135/141       0.86         127       141 Crawfish Stew Street       1.02         128       145 Crawfish Stew Street       0.82         129       147 Crawfish Stew Street       0.98         130       149 Crawfish Stew Street       0.98         131       153 Crawfish Stew Street       0.96         132       156 Crawfish Stew Street       0.91         133       159 Crawfish Stew Street       0.98         134       163 Crawfish Stew Street       0.98         135       165 Crawfish Stew Street       0.98         135       165 Crawfish Stew Street       0.97         136       170 Crawfish Stew Street       0.97         137       174 Crawfish Stew Street       0.97         138       1400 Highway	118		
120     113 Crawfish Stew Street     0.93       121     114 Crawfish Stew Street     0.82       122     Trailer across from 114 Crawfish Stew Street     0.81       123     116 Crawfish Stew Street     1.73       124     127 Crawfish Stew Street     0.98       125     135 Crawfish Stew Street     3.23       126     Wooden house between 135/141 Crawfish Stew Street     0.86       127     141 Crawfish Stew Street     0.82       128     145 Crawfish Stew Street     0.98       130     149 Crawfish Stew Street     0.98       131     153 Crawfish Stew Street     0.98       132     156 Crawfish Stew Street     0.99       133     159 Crawfish Stew Street     0.91       133     159 Crawfish Stew Street     0.98       134     163 Crawfish Stew Street     0.98       135     165 Crawfish Stew Street     0.98       136     170 Crawfish Stew Street     0.97       137     174 Crawfish Stew Street     0.97       138     1400 Highway 70 South     1.20       139     1408 Highway 70 South     1.45       141     1420 Highway 70 South     1.07       144     1440 Highway 70 South     1.07       144     1440 Highway 70 South     1.02 <td>119</td> <td></td> <td></td>	119		
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145       1443 Highway 70 South       1.02         146       1447 Highway 70 South       1.14         147       1451 Highway 70 South       1.00         148       1455 Highway 70 South       0.98         149       1490 Highway 70 (Last house before the bridge, going west)       1.05         150       1501 Highway 70 South       1.17	143	1439 Highway 70 South	1.07
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the bridge, going west)  1.05  150 1501 Highway 70 South  1.17	148	1455 Highway 70 South	0.98
150 1501 Highway 70 South 1.17	149		1.05
<u> </u>	150		1.17
	151	1503 Highway 70 South	1.17

		1/28/2013
No.	Street Address	VOC Concentration (ppm)
152	1506 Highway 70 South	1.11
152	1500 nigilway 70 30util	1.11
153	111 Edmond Lane	0.83
154	113 Edmond Lane	0.83
155	Trailer on left side Edmond Lane	0.98
156	103 Bayou Corne Street	0.90
157	Trailer Bayou Corne Street	0.95
158	Camp Bayou Corne Street	1.06
	MIN	0.55
	MAX	3.23
	AVG	0.89

## **RESPEC Consulting & Services**

# Texas Brine, L.L.C. Assumption Parish, Louisiana Daily Field Report

Report By: David	l Gnage		Date1-28-13
Company: RESP	PEC	,	Work Order #:()
Personnel		Company	Job Title
Time Onsite:	Start Tim	e: NA End Time:	NA
<b>Equipment Onsite</b> :	Hand too	S	
Daily Activity:	No Field	Work Conducted. RESPEC not	on-site.
<b>Proposed Schedule:</b>	(CrossTex RESPEC	will provide drilling oversight for Surface Geophone casings) who will be on-site for the installation on the rig road.	en site access is granted.
			Initials: DJG

## **ME&A Daily Action Summary**

January 28, 2013

## **Subsidence Survey:**

No Work Done

## Sinkhole Perimeter/Hydrographic Survey:

No Work Done

## **Support Sinkhole Cleanup**

No Work Done

## Misc. Survey Work

- Arrive @ 8:15 am
- Stake north containment levee centerline @ 50' 100' intervals. Stake limits of boards for G-03 pad. Re-aligned south containment levee to avoid Acadian Gas valve. Located 4"x6" cypress post corner on Oxy north property line.
- Departed 3:00 pm

## Michael Pisani & Associates

## Texas Brine, L.L.C. Assumption Parish, Louisiana Daily Field Report

Report By: Patrick Ritchie  Company: MP&A	_			Date: Work Order #	80-05
Health and Safety Meeting	YES	No.	0		
Weather: 70 F sunny, clear					
Personnel		Company		Job Title	
Charles Trahan	MP&A	1 3	Geologis		
Walker Hill Drill Crew					
Patrick Ritchie	MP&A		Environn	nental Scientist	
Site Activities: Start Time	6:50	End Time	17:45		
Equipment On-site: Sonic rig Vac Truck					
Skid steer					
Skid steel					
Daily Activity:					
Fish out casing from MRAA-01M be					
Set surface casing at MRAA-01M. C					
Measure pressure and water level at	TBC Geopr	obe locations			
Estimated time of completion:					
On-going					
Duomogad ashadular					
Proposed schedule: Conduct in-situ monitoring surface	water trance	et and industrial	water well locations	1/20/2013	
Measure water level for the industria	l water well	ls 1/29/2013	water wen locations	112712013	
Measure pressure and water level at			/2013		
Fish out casing at MRAA-01M					
Set surface casing for MRAA-01M					
Estimated time of completion:					
On-going				Initials:	PMR